

Anti-GPR52 Antibody (N-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17523

Specification

Anti-GPR52 Antibody (N-Terminus) - Product Information

Application	IHC-P
Primary Accession	O9Y2T5
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41354

Anti-GPR52 Antibody (N-Terminus) - Additional Information

Gene ID 9293

Alias Symbol GPR52
Other Names
GPR52, Axor10, G protein-coupled receptor 52

Target/Specificity

Human GPR52. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-GPR52 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GPR52 Antibody (N-Terminus) - Protein Information

Name GPR52 {ECO:0000303|PubMed:9931487, ECO:0000312|HGNC:HGNC:4508}

Function

Gs-coupled receptor activated by antipsychotics reserpine leading to an increase in intracellular cAMP and its internalization (PubMed:[24587241](http://www.uniprot.org/citations/24587241)). May play a role in locomotor activity through modulation of dopamine, NMDA and ADORA2A-induced locomotor activity. These behavioral changes are accompanied by modulation of the dopamine receptor signaling pathway in striatum (PubMed:[24587241](http://www.uniprot.org/citations/24587241)). Modulates HTT level via cAMP-dependent but PKA independent mechanisms through activation of RAB39B that translocates HTT to the endoplasmic reticulum, thus avoiding proteasome degradation (PubMed:[25738228](http://www.uniprot.org/citations/25738228)).

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed in brain, especially in striatum.

Anti-GPR52 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-GPR52 Antibody (N-Terminus) - Images